Rec'd PCT/PTO

16 JUN 2005

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

PHNL030962 US

As a below named inventor, I he My residence, post office addre	ss and citizenship are as state	bu next to my nume.	10/53	• •
I believe I am the original, first a plural names are listed below) of entitled: "Segment-based I the specification of which (check	of the subject matter which is omotion estimation"			
is attached hereto.				
was filed as United States a	pplication			
Serial No			 	
on				
and was amended				
on				
was filed as PCT internation Number PCT/IB2003/005474 on 20 November 2003				
and was amended under PCT	Article 19			
on				(if applicable).
I hereby state that I have review claims, as amended by any am	endment referred to above.			
I acknowledge the duty to discle Title 37, Code of Federal Regul		rial to the examination	от инь аррисацо	II III accordance will
I hereby claim foreign priority be or inventor's certificate or of any States of America listed below a any PCT international application on the same subject matter have	y PCT international application and have identified below any on(s) designating at least one	n(s) designating at leas foreign application(s) f country other than the	t one country of or patent or inve United States of	her than the United entor's certificate or f America filed by me
PRIOR FOREIGN/PCT APPLIC	ATION(S) AND ANY PRIORI	TY CLAIMS UNDER 3	5 U.S.C. 119:	
COUNTRY	APPLICATION NUMBER	DATE OF FI DAY, MONTH,	YEAR	PRIORITY CLAIMED UNDER 35 USC 119
Europe	02080533.9	20 December 200)2	YES
Europe	03102487.0	08 August 2003		YES

		n For Patent Applica T International Application		Power of Attorney (Continued	d)	PHNL030962 US
			-	ppoint the following attorney(s) and/o	r agent(s) to prosec	
all bus	iness in the Patent a	and Trademark Office con	nected the	rewith. (List name and registration nu	umber)	oute uns application and transact
Jack	E. Haken, Reg.	No.26,902	Direct Telephone			
Michael F Marion Reg No 32 266					(name and telephote) (914)332-0222	
Edwa	ard M. Blocker, F	Reg. No. <u>30,245</u>			(914)332-0222	•
	E			L SIDOT ON SALAMS	OF COMP O	D/CNI NIAAAC
P	FULL NAME OF INVENTOR	FAMILY NAME		FIRST GIVEN NAME	SECOND G	IVEN NAME
	•	SETHURAMAN		Ramanathan		
201	RESIDENCE &	CITY	44 \0	STATE OR FOREIGN COUNTRY		OF CITIZENSHIP
	CITIZENSHIP		NTX.	The Netherlands	India	
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4	INVENTOR	ERNST		<u>Fabian</u>	Edgar	
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	-		117X	The Netherlands	German	
	POST OFFICE	POST OFFICE ADDRE		CITY		P CODE/COUNTRY
	ADDRESS	Prof. Holstlaan	6	5656 AA Eindhoven		therlands
0	FULL NAME OF	FAMILY NAME		FIRST GIVEN NAME		IVEN NAME
1	INVENTOR	MEUWISSEN	4	Patrick	Peter E	lizabeth
203	RESIDENCE &	CITY		STATE OR FOREIGN COUNTRY	COUNTRY	OF CITIZENSHIP
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1	-	PETERS		Harm		es Antonius Maria
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	POST OFFICE ADDRESS	POST OFFICE ADDRE		CITY		P CODE/COUNTRY
		Prof. Holstlaan	ь	5656 AA Eindhoven		therlands
	FULL NAME OF	FAMILY NAME		FIRST GIVEN NAME	SECOND G	IVEN NAME
	INVENTOR	PESET LLOPIS	<u> </u>	Rafael		
205	RESIDENCE & CITIZENSHIP	CITY		STATE OR FOREIGN COUNTRY	-	OF CITIZENSHIP
		Eindhoven		The Netherlands	Spain	ID CODE (COLINITED)
	POST OFFICE ADDRESS	POST OFFICE ADDRE		CITY		IP CODE/COUNTRY
	ADDITEGO	Prof. Holstlaan	Ь	5656 AA Eindhoven	I ne Nei	therlands
true: a	nd further that these	e statements were made v der section 1001 if Title 18	vith the kno	nowledge are true and that all statems owledge that willful false statements ited states Code, and that such willful	and the like so mad	e are punishable by fine or
SIGNATURE OF INVENTOR 201			SIGNATU	IRE OF INVENTOR 202	SIGNATUR	E OF INVENTOR 203
S D attack					<u>'</u>	
				No.		
S. Ramanottan				J.W.	WUSSOW	
DATE DATE			2 1 1 2004	DATE		
SIGNI				2 July 2004 IRE OF INVENTOR 205		2 July 2004
SIGNA	TO THE OF INVENT	UR 204	SIGNATU	ONE OF INVENTOR 203		
	Je) '					
	Jotes					
DATE			DATE			
-/	22 July 2004		· · · · <u>-</u>		1	

U.S. DEPARTMENT OF COMMERCE- Patent and Trademarks Office

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER PHNL030962 US

As a below named inventor, I he	As a below named inventor, I hereby declare that:				
My residence, post office address and citizenship are as stated next to my name.					
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: "Segment-based motion estimation" the specification of which (check only one item below):					
is attached hereto.					
was filed as United States a	pplication				
Serial No					
on	-				
and was amended					
on					
🗓 was filed as PCT internation	al application				
	• •				
on 20 November 2003					
and was amended under PCT	Article 19				
on	on (if applicable).				
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.					
I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).					
I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:					
PRIOR FOREIGN/PCT APPLIC	CATION(S) AND ANY PRIORI	TY CLAIMS UNDER 35 U.S.C. 119:			
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119		
Europe	02080533.9	20 December 2002	YES		
Europe	03102487.0	08 August 2003	YES		

Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT International Applications) Attorneys Docket Number PHNL030962 US						PHNL030962 US	
POW!	ER OF ATTORNE iness in the Patent a	Y: As a named inventor, and Trademark Office cor	I hereby ap nnected the	opoint the following attomey(s) and/orewith. (List name and registration n	or agent(s) to prose number)	cute this application and transact	
Micha	E. Haken, Reg. ael E. Marion, Re ard M. Blocker, F				Direct Telephone (name and teleph (914)332-0222	one number)	
FULL NAME OF INVENTOR		FAMILY NAME SETHURAMAN		FIRST GIVEN NAME Ramanathan	SECOND O	GIVEN NAME	
201	RESIDENCE & CITIZENSHIP	CITY Eindhoven		The Netherlands India		OF CITIZENSHIP	
	POST OFFICE ADDRESS	POST OFFICE ADDRE		5656 AA Eindhoven	The Ne	IP CODE/COUNTRY therlands	
	FULL NAME OF INVENTOR	FAMILY NAME ERNST		FIRST GIVEN NAME Fabian	Edgar	GIVEN NAME	
202	RESIDENCE & CITIZENSHIP	CITY Eindhoven		STATE OR FOREIGN COUNTRY The Netherlands	Germa		
	POST OFFICE ADDRESS	POST OFFICE ADDRE		CITY 5656 AA Eindhoven	The Ne	IP CODE/COUNTRY therlands	
	FULL NAME OF INVENTOR	FAMILY NAME MEUWISSEN		FIRST GIVEN NAME Patrick	Peter E	lizabeth	
203	RESIDENCE & CITIZENSHIP	CITY Eindhoven		STATE OR FOREIGN COUNTRY The Netherlands		OF CITIZENSHIP therlands	
	POST OFFICE ADDRESS	T OFFICE POST OFFICE ADDRE		5656 AA Eindhoven		STATE & ZIP CODE/COUNTRY The Netherlands	
	FULL NAME OF INVENTOR	FAMILY NAME PETERS		FIRST GIVEN NAME Harm	Johann	GIVEN NAME nes Antonius Maria	
204	RESIDENCE & CITIZENSHIP	CITY Eindhoven POST OFFICE ADDRESS Prof. Holstlaan 6		STATE OR FOREIGN COUNTRY The Netherlands	The Ne	of CITIZENSHIP therlands	
	POST OFFICE ADDRESS			5656 AA Eindhoven	The Ne	TP CODE/COUNTRY therlands	
>	FULL NAME OF INVENTOR	FAMILY NAME PESET LLOPIS		FIRST GIVEN NAME Rafael		GIVEN NAME	
205	RESIDENCE & CITIZENSHIP	CITY Eindhoven	ΜΥ	STATE OR FOREIGN COUNTRY The Netherlands	Spain	OF CITIZENSHIP	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Prof. Holstlaan 6		5656 AA Eindhoven		TIP CODE/COUNTRY therlands	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true: and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 if Title 18 of the United states Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.							
SIGNATURE OF INVENTOR 201		SIGNATU	RE OF INVENTOR 202	SIGNATUR	RE OF INVENTOR 203		
		DATE	Δ	DATE			
SIGNATURE OF INVENTOR 204		SIGNATU	SIGNATURE OF INVENTOR 205				
DATE			DATE	23 July 2004			

U.S. DEPARTMENT OF COMMERCE- Patent and Trademarks Offic.

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PTO/SB/80 (11-04)
Approved for use through 11/30/2005. OMB 0651-0035
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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

Lherehy	revoke all r	SOVIOUS					
<u> </u>	0.70(0).	Previous	powers of attorney	given in the applic	cation identified	d in the attached	d statement under
I hereby	y appoint:						
X Pra	actitioners asso	ciated wit	h the Customer Number:	24:	737		
OR							
Pra	actitioner(s) nan	ned below	(if more than ten patent p	practitioners are to be	named then a cur	stomer number mu	st be used):
		Nam	е	Registration Number		Name	Registration Number
							Hamber
							
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as attorne	y(s) or agent(s)	to repres	ent the undersigned befor	re the United States F	atent and Tradem	ark Office (USPTO) in connection with
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			address for the applicati	ion identified in the et			
		po, 1201, 5.	, address for the applican	on identified in the att	acned statement u	Inder 37 CFR 3.73(b) to:
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OR	ine address as	Sociated 1	with Customer Number:	27/3		\ 	
Firm or							
Individual Name Address							
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L					<u> </u>		
Assignee N	Name and Addr	ess:					
KONINKLIJKE PHILIPS ELECTRONICS N.V.							
Groenewoudseweg l							
5621 BA Eindhoven, The Netherlands							
A copy of	f this form, to	gether	with a statement und	er 37 CFR 3.73(b)	(Form PTO/SB/	96 or equivalent) is required to be
med III ea	acıı appucau	on in wr	iich this torm is used.	. The statement $oldsymbol{u}$	nder 37 CED 3 1	73/h) may ba aa	malatad bu a
uie pracu	Juoners appo	intea in	this form if the appo tion in which this Pov	inted practitioner	ie authorized to	act on behalf o	f the assignee,
			SIGNATI	URE of Assignee of	Record		
	The	ividual v	hose signature and title i	s supplied below is a	uthorized to act on	behalf of the assig	nee
Signature	/ HL	Ma	15. M	un		Date 14 Jan	nuary 2005
Name	Michae	1 E.	Marion			Telephone (914	4) 333-9637
Title	Author	ized	Representat.	ive		, ,,,,	.,

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEME	ENT UNDER 37 CFR 3.73(b)
Applicant/Patent Owner: Koninklijke Philips Electronics	N.V.
Application No./Patent No.: Concurrently	Filed/Issue Date: Concurrently
Entitled: SEGMENT-BASED MOTION ESTIMATION	
Koninklijke Philips Electronics N.V.	, a corporation
(Name of Assignee)	(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states that it is: 1.	st; or
2. an assignee of less than the entire right, title are the extent (by percentage) of its ownership int in the patent application/patent identified above by visit	erest is%
	ent application/patent identified above. The assignment was recorded ce at Reel, Frame, or for which a copy thereof is
OR	
B. [] A chain of title from the inventor(s), of the pater below:	nt application/patent identified above, to the current assignee as shown
	ed States Patent and Trademark Office at, or for which a copy thereof is attached.
2. From:	To:ed States Patent and Trademark Office at
The document was recorded in the Unit Reel, Frame	ed States Patent and Trademark Office at, or for which a copy thereof is attached.
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[] Additional documents in the chain of title	e are listed on a supplemental sheet.
	ment document or a true copy of the original document) cordance with 37 CFR Part 3, if the assignment is to be
The undersigned (whose title is supplied below) is au	rthorized to act on behalf of the assignee.
6.14.05	Michael E. Belk, Reg. 33,357
Date	Typed or printed name
(914) 333-9643	mulgellsBell
Telephone number	Signature
	Corporate Counsel Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.